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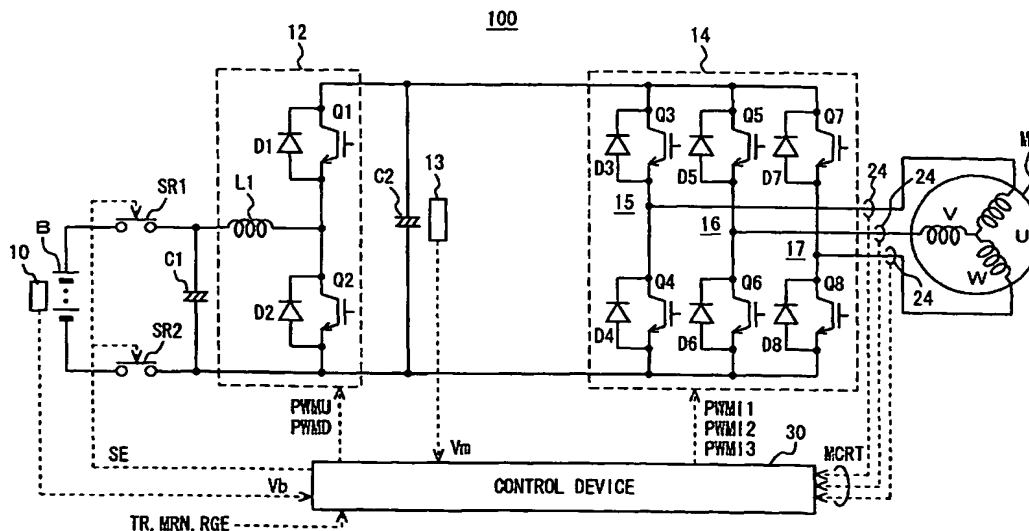
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For two-letter codes and other abbreviations, refer to the "Guid-
ance Notes on Codes and Abbreviations" appearing at the begin-
ning of each regular issue of the PCT Gazette.

(54) Title: VOLTAGE CONVERTING DEVICE, COMPUTER READABLE RECORDING MEDIUM WITH PROGRAM
RECORDED THEREON FOR CAUSING COMPUTER TO EXECUTE FAILURE PROCESSING, AND FAILURE
PROCESSING METHOD



(57) Abstract: A control device (30) detects whether or not an up-converter (12) fails, based on a DC voltage (Vb) from a voltage sensor (10), an output voltage (Vm) from a voltage sensor (13), and a duty ratio in controlling switching of NPN transistors (Q1, Q2). If a failure in the up-converter (12) is detected, the control device (30) then controls an inverter (14) and an AC motor (M1) such that regenerative electric power generation in the AC motor (M1) is prohibited.

INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 B60L11/12 B60L11/18 H02M7/5387

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

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P,X	EP 1 306 262 A (TOYOTA MOTOR CO LTD) 2 May 2003 (2003-05-02) abstract paragraphs '0015! - '0019! paragraphs '0181!, '0203!, '0210! figures 1,7	1-19
Y	US 5 552 681 A (OBATA ATSUOMI ET AL) 3 September 1996 (1996-09-03) column 3, line 27 - column 4, line 7 column 11, line 51 - line 54 figure 4 ----- -/--	1,8,14

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
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